(8)

10

BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLIZONE

T.DASARAHALLISUB-DIVISION.

Name of Work:- Improvements to Drains at Vishveshwaraiah Layout in Ward No. 14 at T. Dasarahalli Sub-Division, Dasarahalli Zone. .

Estimate Cost :- **9.98** Lakhs

BRUHAT BANGALORE MAHANGARA PALIKE

DASARAHALLI ZONE

Na e of Work: Improvements to Drains at Vishveshwaraiah Layout in Ward No. 14 at T. Dasarahalli Sub-Division, Dasarahalli Zone.

Estimate Cost Rs. 9.98 Lakhs

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil Page No. 149/ Item No. 19.2/ PWD SR 2011-12	Cum							
	6th Cross Vishveshwaraiah Layout		1	147.00	1.20	1.05	185.22		
	Basic Rate	80.60					**185.22**	87.05	**16123.00**
	Area Weightage @ 8%	6.45							
	Total	**87.05**							
2	KSRRB M2900-1: Plain cement concrete 1:3:6 mix with crushed stone aggregates 40m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14days complete as per specifications. MORTH Specification No. 408 **Page No. 257/ Item No. 34.1/ PWD SR 2011-12**	Cum							
	6th Cross Vishveshwaraiah Layout		1	147.00	1.20	0.15	26.46		
							26.46	3645.00	**96447.00**
	Basic Rate	3243.00							
	Add Difference cost of Cement 0.22x600=	132.00							
	(220kgs/50kgs=4.40 bagsxRs.30.00 Diff cost/bag)	3375.00							
	Area Weightage @ 8%	270.00							
	Total	**3645.00**							
3	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs,with 20mm and down size graded granite metal Coarse aggregates @ 0.69cum and fine aggregates @0.46cum with superplastisiser @ bits confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and Superstructure ground floor level for roof slabs, staircase, lintels columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.6 **Page No. 15/ Item No. 4.17/ PWD SR 2011-12**	Cum							
	Bottom:-								
	6th Cross Vishveshwaraiah Layout		1	147.00	1.20	0.15	26.46		
	Sides		2	147.00	$\frac{0.15+0.18}{2}$	0.75	36.38		
							62.84	5157.96	**324126.00**

	Basic Rate	4674.00							
	Add Difference cost of Cement 0.320x600=	192.00							
	(320kgs/50kgs=6.40 bagsxRs.30.00 Diff cost/bag)	4866.00							
	Area Weightage @ 6%	291.96							
	Total	**5157.96**							
4	KSRB 4.9.2: providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2011-12	q							
	45 kg/Cum		**62.84**		45.00		2827.80		
	Basic Rate	5910.00					28.00	7211.75	**201929.00**
	Add Extra rate for Steel	893.54							
	Total	6803.54							
	Area Weightage @ 6%	408.21							
	Total	**7211.75**							
5	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2011-12	Sqm							
			2x2	147.00		0.85	499.80		
	Basic Rate	163.00					**499.80**	172.78	**86355.00**
	Area Weightage @ 6%	9.78							
	Total	**172.78**							
6	Providing & Laying Reinforced cement precast slabs of mix M20 Using 20mm & down size graded granite metal using HYSD 10mm dia steel @100mm c/c both ways & complete as per specfications.	**Sqm**							
			1	147.00	0.90		132.30		
							132.30	1963.60	**259784.00**
	Approved Data Rate for precast slab	**1963.60**							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.124 I.18.57/1)	Cum							
			Qty. Vide Item No. 1				**185.22**		
	Basic Rate	10.24		Qty limited to			**169.00**	78.24	**13223.00**
	Loading and Unloading Charges	62.20							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							

11	Miscellaneous and Unforeseen Charges								13.00
								Total	998000.00

Rupees.Nine Lakhs Ninety Eight Thousand Only

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2011-12
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Asst. Engineer
Ward No.14

Asst. Exe. Engineer
T. Dasarahalli Sub- Division
BBMP

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

ನಂ. JC(DH)AS 378/12-13 ದಿನಾಂಕ :17/09/12

ರೂ. 9.98 lakhs (Rupees Nine lakh ninety-eight thousand only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

P.No-029
Sl.No-378

ಪದನಿ ಅಂಕಿತದಾರರು

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾ...
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ.EE/DRS/169/12-13 ದಿನಾಂಕ : 26/9/2012

ರೂ. 9.98 Lakhs (Rupees Nine lakh Ninety eight thousand only)

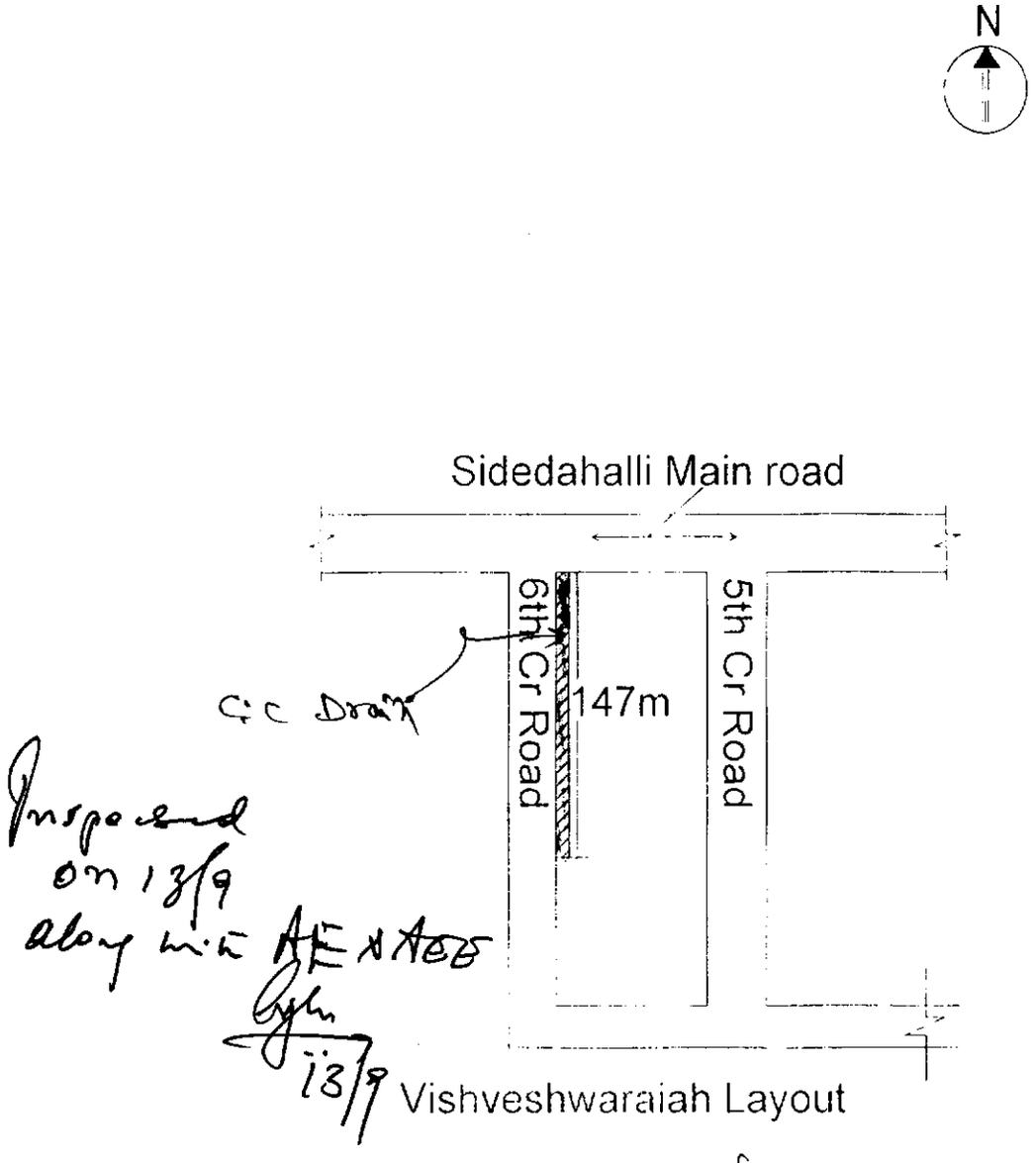
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

26/9

(4)

Name of Work: Providing RCC Drain at Vishveshwaraiah layout in ward no.14,Dasarahalli.,T.Dasarahalli sub division.



Assit Engineer
Ward no.14

Assit Executive Engineer
T.Dasarahalli sub division
BBMP Bangalore

Executive Engineer
Dasarahalli division
BBMP Bangalore